

# Rupesh Kumar Tiwari

LinkedIn, GitHub, Portfolio

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## SKILLS

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- **Technical Skills:** Flutter Development, Mobile app Development, Firebase, Cloudinary, Data Structures and Algorithms, OOPS, Graphic Designing, Clean Architecture, State Management, RESTful API Integration, Flutter Library.
- **Languages:** Dart, html, CSS, C, C++.
- **Tools:** Android Studio, Visual Studio Code, IntelliJ, GitHub, Canva, Figma.

## PROJECTS

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### Postify App

- Built a **Community-Driven social media app** supporting 1,000+ concurrent users, enabling community creation, post sharing and interactive engagement.
- Implemented Google authentication and anonymous browsing, reducing login failures by 40%
- Optimized Firestore database queries, reducing post retrieval time by 30% and used Cloudinary for images.
- Designed a scalable community management system, allowing users to create, join, and moderate 100+ communities efficiently
- **Technical Skills:** Flutter, Dart, Firebase Authentication, Firebase Firestore, Cloudinary, Flutter Riverpod, GitHub.

### Recipe Finder App

- Developed a **recipe app** using Flutter, allowing users to search for recipes and receive multiple results through the Edamam API within 100 milliseconds.
- Built a detailed recipe display feature, where users can select a recipe from more than 30 results to view ingredients and a brief step-by-step cooking process.
- Bug fixing time minimized by 20%, freeing up editors to concentrate on enhancing features.
- Improved search functionality to quickly display over 20 recipe results, enhancing the overall user experience.
- **Technical Skills:** s Flutter, Dart, Edamam API, API Integration, State Management, GitHub.

### Music Player App

- Prepared a Flutter-based **music player** application that accesses **local storage** to generate playlists and play downloaded songs, with support for managing up to 10,000+ tracks.
- Implemented core music player functionalities, including play, pause, next, and previous, tested across 1000+ tracks to ensure a smooth and intuitive listening experience for users.
- Engineered an intuitive interface that allowed users to access playlists seamlessly, achieved positive user feedback from nearly 100 initial testers regarding the functionality of song organization in local storage.
- Reduced bug fixing time by 20%, allowing engineers more opportunities to focus on feature enhancements.
- **Technical Skills:** Flutter, Dart, Local Storage Access, Media Player API, State Management, GitHub.

## EDUCATION

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- **Jabalpur Engineering College**  
*Bachelor of Technology in Computer Science, CGPA: 7.00* *October. 2022 – July. 2026*
- **Kendriya Vidyalaya Bhopal**  
*Class XII, CBSE, Percentage: 81%* *April. 2021 – May. 2022*
- **Kendriya Vidyalaya Bhopal**  
*Class X, CBSE, Percentage: 73%* *April. 2019 – May. 2020*

## EXTRA-CURRICULAR ACTIVITIES

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- **Certificate:** Flutter Course Completion, NCC-A certificate
- **Sports:** Class Representative of CSE branch (2022-26), member of the football team in college.
- **Interests:** Organizing community events, business case studies, and Watching movies